

[illegible]

**Alignment of NFR1 polypeptides  
SEQ ID NO 25 with SEQ ID NOs 24, 52, and 54**

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SEQ24      EEALNKSDPCDALRKLVDPR LGENYPIDSVLKIAQLGRAC TRDNPLL RPSMRSLVVALMT
SEQ25      EEALNKSDPCDALRKLVDPR LGENYPIDSVLKIAQLGRAC TRDNPLL RPSMRSLVVALMT
SEQ52      EKALNQIDPSEALRKLVDPR LKENYPIDSVLKMAQLGRAC TRDNPLL RPSMRSLVVDLMT
SEQ54      EEALNQIDPLEALRKLVDPR LKENYPIDSVLKMAQLGRAC TRDNPLL RPSMRSLVVALMT
          *:***: ** :***** *****:*****

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```

SEQ24      LSSLTEDCDESSYESQTLINLLSVR
SEQ25      LSSLTEDCDESSYESQTLINLLSVR
SEQ52      LSPFEDCDDDTSYENQTLINLLSVR
SEQ54      LLSHTD--DDDTFYENQSLTNLLSVR
          * * : **:: *.*: *****

```

```

SEQ24  99% identity
SEQ25  100% identity
SEQ52  78.5% identity
SEQ54  77.9% identity

```

**KEY**

\* = identical residues  
 : = conserved substitutions  
 . = semi-conserved substitutions (isosteric)